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DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
DIVISION NO. 8

SUPPLEMENTAL SYSTEM STUDY
AND REVISED TEN-YEAR PROGRAM

MONTANA FOREST HIGHWAY SYSTEM

NOVEMBER 1954

Submitted 11-1-54

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November 1, 1954

To: M. M. Flint, District Engineer

From: M. J. Wilcomb, Highway Engineer

Revised Ten-Year Program, Montana Forest Highways

There are submitted herewith four tables setting forth information concerning the usual annual revision of the Montana Forest Highway System.

The information therein is based upon a revised estimate to construct or reconstruct highways or portions thereof that are or will be critically deficient within the ten-year period, 1956 to 1965 inclusive, and is the same as that submitted previously for Section 13 project, Highway Needs Study, State of Montana in Schedule N-10, Summary of Highway Needs Data for Special Road Systems.

These tables are briefly described as follows:

Table No. 1 (11 sheets)

A tabulation by years for the ten-year period from 1956 to 1965 inclusive of estimated costs for miles of grading and surfacing for New Work and for Reconstruction with the individual projects as well as the routes involved identified.

This is the basic table from which all the following tables are prepared with the individual projects shown principally in order to facilitate future revisions.

Table No. 2 (3 sheets)

A summary of mileages and costs of grading and of surfacing for New Work and for Reconstruction by route numbers and classes.

Table No. 3 (4 sheets)

A tabulation of distribution of costs of proposed work for this ten-year period segregated by Class of Roads, Type of Traffic and by Critical Conditions.

Table No. 4 (4 sheets)

A tabulation of mileages to accompany the distribution of Costs as set forth in Table No. 3 for this ten-year period, segregated as in Table No. 3.

There are also submitted two Summary Tables, one showing costs and the other mileages by critical conditions and by systems, Interstate, State and County or Local.

MJW:jl

Table 1 1956 Sheet 1 of 11 Sheets

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1	6	E,F,G,H	0010				7.3		500,000	7.3		500,000
			4251					7.3	290,000		7.3	290,000
1	8	A8,B4	4251					7.0	350,000		7.0	350,000
1	10	A1,B	0010				5.1		383,000	5.1		383,000
			4251		5.1	187,000					5.1	187,000
2	11	A3,B1,E	4231				9.6		86,000	9.6		86,000
					18.1	214,000					18.1	214,000
1	12	A3,B2	4251					14.0	470,000		14.0	470,000
1	13	D2,E1,F4,(2)	4251		6.4	220,000					6.4	220,000
2	15	H	0010	9.6		200,000				9.6		200,00
1	17	B	0010				7.1		570,000	7.1		570,000
2	23	A1,B	4231					6.0	60,000		6.0	60,000
1	32	B4,C7,J2	4251		5.6	185,000		10.1	350,000		15.7	535,000
1	42	A3,B3	4251					8.5	290,000		8.5	290,000
1	53	A2,B2,C2,D2,E2,F	4251		1.8	40,000		21.2	510,000		23.0	550,000
Totals				9.6	37.0	1,046,000	29.1	74.1	3,859,000	38.7	111.1	4,905,000

Table 1

1957

Sheet 2 of 11 Sheets

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf	
1	8	A9,F3	0010				5.0		500,000	5.0		500,000
			4251					5.0	250,000		5.0	250,000
1	8	254 A-C	0010				7.1		700,000	7.1		700,000
			4251					7.1	300,000		7.1	300,000
1	12	C	0010				8.1		285,000	8.1		285,000
			4251					8.1	280,000		8.1	280,000
1	13	A4,B4	0010				4.9		400,000	4.9		400,000
			4251					4.9	180,000		4.9	180,000
2	15	A3,D1,E1	4251		12.6	250,000					12.6	250,000
1	17	C	0010				4.0		320,000	4.0		320,000
2	21	A	0010	3.7		97,000				3.7		97,000
			2010		3.7	70,000					3.7	70,000
1	32	F5,G7,H4	0010				6.4		640,000	6.4		640,000
1	42	J4,K1	0010				8.9		700,000	8.9		700,000
1	46	A3	0010				8.7		435,000	8.7		435,000
Totals				3.7	16.3	417,000	53.1	25.1	4,990,000	56.8	41.4	5,407,000

Class	Route	Section	Type	New Work Miles Grad.	New Work Miles Surf.	New Work Cost	Reconstruction Miles Grad.	Reconstruction Miles Surf.	Reconstruction Cost	Total Miles Grad.	Total Miles Surf.	Total Cost
1	3	FAP 58-C	0010				1.4		100,000	1.4		100,000
			4251					1.4	50,000		1.4	50,000
1	6	B,C,I	0010				12.7		670,000	12.7		670,000
1	8	C1,E1	0010				5.3		400,000	5.3		400,000
			4251					5.3	200,000		5.3	200,000
1	13	I4,J3	0010				7.3		700,000	7.3		700,000
2	15	G1	4251		10.6	200,000					10.6	200,000
1	17	B1,C1,D	4251					17.9	660,000		17.9	660,000
1	28	A2,B2	0010				10.8		2,160,000	10.8		2,160,000
1	32	H2,L3,A9	0010				6.0		600,000	6.0		600,000
1	42	K2,L3	0010				8.7		640,000	8.7		640,000
1	46	A4	4251					8.7	270,000		8.7	270,000
1	57	DE	X032	1.0		900,000				1.0		900,000
			4251		1.0	30,000					1.0	30,000
Totals				1.0	11.6	1,130,000	52.2	33.3	6,450,000	53.2	44.9	7,580,000

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
2	5	B	X031	0.1		64,000				0.1		64,000
1	6	B,C,I	4251					12.7	500,000		12.7	500,000
1	8	D5,F5,P1	0010 4251				8.5	8.5	950,000 400,000	8.5	8.5	950,000 400,000
1	13	I5,J4	4251					7.3	270,000		7.3	270,000
2	15	H1										
			4251		9.6	185,000					9.6	185,000
1	20	A	0010	6.0		240,000				6.0		240,000
1	28	A3,B3	4251					10.8	680,000		10.8	680,000
1	32	F3,G3,H3,I4,A10	4251					12.4	680,000		12.4	680,000
1	42	J5,K3,L4	4251					17.6	610,000		17.6	610,000
1	57	F	0010 4251		10.4	330,000	10.4		600,000	10.4	10.4	600,000 330,000
1	59	A1	0010 4215				4.2	4.2	250,000 140,000	4.2	4.2	250,000 140,000
Totals				6.1	20.0	819,000	23.1	73.5	5,080,000	29.2	93.5	5,899,000

Table 1 1960 Sheet 5 of 11 Sheets

Class	Route	Section	Type	New Work Miles Grad.	New Work Miles Surf.	New Work Cost	Reconstruction Miles Grad.	Reconstruction Miles Surf.	Reconstruction Cost	Total Miles Grad.	Total Miles Surf.	Total Cost
3	7	A	ED32	0.2		420,000				0.2		420,000
1	8	E3,E5,3	ED31 WE31 0G10 4251				0.1 0.1 0.3	 0.4	500,000 500,000 30,000 20,000	0.1 0.1 0.3	 0.4	500,000 500,000 30,000 20,000
1	13	F6					8.7		900,000	8.7		900,000
2	15	E1	4251		11.1	200,000					11.1	200,000
1	20	B	0010				10.0		400,000	10.0		400,000
1	32	E3,E5	0010				8.6		130,000	8.6		130,000
1	42	B3	0010 4251				2.5	 2.5	200,000 85,000	2.5	 2.5	200,000 85,000
1	57	C	0010 4251		 10.6	 360,000	10.6		600,000	10.6	 10.6	600,000 360,000
Totals				0.2	21.7	980,000	40.9	2.9	3,365,000	41.1	24.6	4,345,000

Table 1

Sheet 6 of 11 Sheets

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grade.	Surf.	
1	2	C3,D2	0010				8.7		510,000	8.7		510,000
1	8	FAP 183 A-B-C	0010				7.0		840,000	7.0		840,000
			4251					7.0	265,000		7.0	265,000
1	8	C7	0010				4.2		700,000	4.2		700,000
			4251					4.2	225,000		4.2	225,000
1	13	F7	4251					8.7	320,000		8.7	320,000
1	16	C	0010	2.0		105,000	8.7		1,060,000	10.7		1,165,000
1	20	A1,B1	4251		16.0	500,000					16.0	500,000
1	32	D E	4251					8.6	300,000		8.6	300,000
1	43	B C	0010				8.7		435,000	8.7		435,000
1	45	A1,B1	0010				6.9		345,000	6.9		345,000
1	57	A1	0010				10.3		600,000	10.3		600,000
			4251					10.3	330,000		10.3	330,000
Totals				2.0	16.0	605,000	54.5	38.8	5,630,000	56.5	54.8	6,235,000

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1	2	C4,D3	4251					8.7	320,000		8.7	320,000
1	6	A5,K3	0010				9.0		745,000	9.0		745,000
1	8	FAP 254 B 271-0	0010				8.0		750,000	8.0		750,000
			4251					8.0	300,000		8.0	300,000
1	13	G7,M5	0010				11.7		1,200,000	11.7		1,200,000
1	16	D	0010				8.0		800,000	8.0		800,000
1	16	E1	4251		10.7	360,000					10.7	360,000
3	30	A	0011	5.0		275,000				5.0		275,000
1	43	A1,B2,C2	0010				8.0		400,000	8.0		400,000
1	45	C2	0010				4.4		220,000	4.4		220,000
1	57	E7	0010				10.4		600,000	10.4		600,000
			4251					10.4	330,000		10.4	330,000
Totals				5.0	10.7	635,000	59.5	27.1	5,665,000	64.5	37.8	6,300,000

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1	1	FAP 250-A	0010				7.0		600,000	7.0		600,000
			4251					7.0	260,000		7.0	260,000
1	2	A3,B5	0010				11.9		700,000	11.9		700,000
1	6	A4,E4	4251					9.0	360,000		9.0	360,000
1	13	C8,E6	4251					11.7	465,000		11.7	465,000
1	16	A1,B1	0010				13.4		1,340,000	13.4		1,340,000
1	16	D1	4251		8.0	270,000					8.0	270,000
1	24	A2,B C	0010				8.8		2,400,000	8.8		2,400,000
3	30	B	0011	5.0		225,000				5.0		225,000
1	43	A4,B3,C1,D1	4251					14.7	540,000		14.7	540,000
1	45	A2,B2,C3	4251					11.3	385,000		11.3	385,000
3	51	A	0011				10.0		250,000	10.0		250,000
1	57	C	0010				4.2		210,000	4.2		210,000
			4251					4.2	130,000		4.2	130,000
Totals				5.0	8.0	495,000	55.3	57.9	7,640,000	60.3	65.9	8,135,000

Table 1 1964 Sheet 9 of 11 Sheets

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1	1	[illegible]	0010				3.9		340,000	3.9		340,000
			4251					3.9	140,000		3.9	140,000
1	2	A4,B4	4251					11.9	440,000		11.9	440,000
1	6	L7,M5	0010				6.9		500,000	6.9		500,000
1	13	257 A to F	0010				13.3		2,035,000	13.3		2,035,000
1	16	E	0010	9.5		495,000				9.5		495,000
1	16	A2,B2	4231		13.4	450,000					13.4	450,000
1	17	A3,B	0010				4.0		745,000	4.0		745,000
			4251					4.0	225,000		4.0	225,000
1	24	A5,B1,C1	4251					8.8	360,000		8.8	360,000
1	26	A7,B	0010				11.9		1,190,000	11.9		1,190,000
3	30	[illegible]	0011	5.0		146,000				5.0		146,000
1	45	[illegible]	0010				9.5		475,000	9.5		475,000
			4251					9.5	320,000		9.5	320,000
3	53	[illegible]	0011				10.0		250,000	10.0		250,000
3	56	[illegible]	0011	8.5		440,000				8.5		440,000
Totals				23.0	13.4	1,531,000	59.5	38.1	7,020,000	82.5	51.5	8,551,000

Table 1

1965

Class	Route	Section	Type	New Work			Reconstruction			Total		
				Miles		Cost	Miles		Cost	Miles		Cost
				Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1	1	FAP 250 B and [illegible]	0010				7.6		842,000	7.6		842,000
			1251					7.6	280,000		7.6	280,000
1	6	[illegible],EE	1251					6.9	275,000		6.9	275,000
1	13	257 A-F	4251					13.3	980,000		13.3	980,000
1	16	B1	4231		9.5	320,000					9.5	320,000
1	19	A1,B1	0010				7.6		1,370,000	7.6		1,370,000
			4251					7.6	330,000		7.6	330,000
1	26	A1,B1	4251					11.9	490,000		11.9	490,000
3	30	A1,B1,C1	2010		15.0	186,000					15.0	186,000
1	45	B1	0010				8.3		415,000	8.3		415,000
			1251					8.3	285,000		8.3	285,000
3	51	C	0011	3.0		75,000	7.0		175,000	10.0		250,000
3	56	C	0011	10.0		300,000				10.0		300,000
3	56	A1,B1,C1	2010		27.0	432,000					27.0	432,000
				13.0	51.5	1,313,000	30.5	55.6	5,442,000	43.5	107.1	6,755,000

Table 1

Calendar Year	New Work			Reconstruction			Total		
	Miles		Cost	Miles		Cost	Miles		Cost
	Grad.	Surf.		Grad.	Surf.		Grad.	Surf.	
1956	9.6	37.0	1,046,000	29.1	74.1	3,859,000	38.7	111.1	4,905,000
1957	3.7	16.3	417,000	53.1	25.1	4,990,000	56.8	41.4	5,407,000
1958	1.0	11.6	1,130,000	52.2	33.3	6,450,000	53.2	44.9	7,580,000
1959	6.1	20.0	819,000	23.1	73.5	5,080,000	29.2	93.5	5,899,000
1960	0.2	21.7	960,000	40.9	2.9	3,665,000	41.1	24.6	4,625,000
1961	2.0	16.0	605,000	54.5	38.8	5,930,000	56.5	54.8	6,535,000
1962	5.0	10.7	635,000	59.5	27.1	5,665,000	64.5	37.8	6,300,000
1963	5.0	8.0	495,000	55.3	59.9	7,840,000	60.3	67.9	8,335,000
1964	23.0	13.4	1,531,000	59.5	38.1	7,020,000	82.5	51.5	8,551,000
1965	13.0	51.5	1,313,000	30.5	55.6	5,442 000	43.5	107.1	6,755,000
Totals 1956 to 1965 incl.	68.6	206.2	8,951,000	457.7	428.4	55,941,000	526.3	634.6	64,892,000

Table 2 Summary Sheet 1 of 3 Sheets

Class	Route	Name	New Work Miles Grad.	New Work Miles Surf.	New Work Cost	Reconstruction Miles Grad.	Reconstruction Miles Surf.	Reconstruction Cost	Total Miles Grad.	Total Miles Surf.	Total Cost
1	1	Libby-State Line				18.5		1,782,000	18.5		1,782,000
							18.5	630,000		18.5	630,000
1	2	Pleasant Valley				20.6		1,212,000	20.6		1,212,000
							20.6	760,000		20.6	760,000
1	3	Thompson Lakes				1.4		100,000	1.4		100,000
							1.4	50,000		1.4	50,000
1	6	Clark Fork				35.9		2,115,000	35.9		2,115,000
							35.9	1,125,000		35.9	1,125,000
1	8	Yellowstone Trail				45.6		5,070,000	45.6		5,070,000
							52.5	2,310,000		52.5	2,310,000
1	10	Rogers Pass				5.1		383,000	5.1		383,000
				5.1	117,000					5.1	117,000
1	12	Fortine-[illegible]				8.1		[illegible]	8.1		[illegible]
							22.1	750,000		22.1	750,000
1	13	Col. Falls-[illegible]. Park				45.9		5,235,000	45.9		5,235,000
				6.4	320,000		45.9	2,235,000		52.3	2,455,000
1	15	[illegible]	11.5		600,000	30.1		3,[illegible],000	41.6		[illegible]
				11.4	1,400,000		-			11.4	1,400,000
1	17	Georgetown Lake				15.1		1,535,000	15.1		1,535,000
							21.9	305,000		21.9	[illegible]
1	19	Bitterroot-[illegible]				7.5		1,370,000	7.5		1,[illegible]
							7.6	335,000		7.6	[illegible]
1	20	Bitterroot-[illegible]	6.2		250,000	10.0		400,000	16.0		[illegible]
				14.0	500,000					14.0	[illegible]
1	[illegible]	Pipestone Pass				8.8		2,[illegible]	8.8		2,[illegible]
							8.8	[illegible]		8.8	[illegible]
1	[illegible]	Butte-Boulder				11.3		1,[illegible]	11.3		1,[illegible]
							11.2	[illegible]		11.2	[illegible]
1	[illegible]	MacDonald Pass				18.8		2,[illegible]	18.8		2,[illegible]
							10.[illegible]	[illegible]		10.[illegible]	[illegible]
1	[illegible]	[illegible]				21.2		1,470,000	21.2		1,470,000
				5.4	185,000		31.1	1,330,000		36.5	1,515,000
1	[illegible]	[illegible]				26.1		1,[illegible]	26.1		1,[illegible]
							26.4	405,000		26.4	[illegible]
1	[illegible]	Yellowstone [illegible]				18.7		[illegible]	18.7		[illegible]
							18.7	520,000		18.7	520,000

Class	Route	Name	New Work Miles Grad.	New Work Miles Surf.	New Work Cost	Reconstruction Miles Grad.	Reconstruction Miles Surf.	Reconstruction Cost	Total Miles Grad.	Total Miles Surf.	Total Cost
1	13	Madison River				29.1		1,455,000	29.1		1,455,000
							29.1	990,000		29.1	990,000
1	20	Targhee Pass				8.7		435,000	8.7		435,000
							8.7	270,000		8.7	270,000
1	33	[illegible]									
				1.8	40,000		21.2	510,000		23.0	550,000
1	37	Libby-[illegible]	1.0		700,000	45.9		2,810,000	46.9		3,510,000
				22.0	700,000		24.9	770,000		46.9	1,190,000
1	59	Cooke City				4.2		250,000	4.2		250,000
							4.2	140,000		4.2	140,000
Class 1 Totals			18.5		1,740,000	421.1		38,430,000	439.6		40,370,000
				18.5	3,332,000		472.4	16,190,000		521.9	17,722,000

Class	Route	Name	New Work Miles Grad.	New Work Miles Surf.	New Work Cost	Reconstruction Miles Grad.	Reconstruction Miles Surf.	Reconstruction Cost	Total Miles Grad.	Total Miles Surf.	Total Cost
2	5	Troy-[illegible]	0.1		44,000				0.1		44,000
2	11	Lewis & Clark				9.4		96,000	9.4		96,000
				18.1	214,000					18.1	214,000
2	15	[illegible] River	9.8		200,000				9.8		200,000
				13.9	335,000					13.9	335,000
2	62	[illegible] Pass	3.7		97,000				3.7		97,000
				3.7	70,000					3.7	70,000
2	73	[illegible]									
							6.0	60,000		6.0	60,000
Class 2 Totals			21.4		341,000	9.4		96,000	23.0		437,000
				35.7	[illegible]		6.0	60,000		41.7	[illegible]

Class	Route	Name	New Work: Miles Grad.	New Work: Miles Surf.	New Work: Cost	Reconstruction: Miles Grad.	Reconstruction: Miles Surf.	Reconstruction: Cost	Total: Miles Grad.	Total: Miles Surf.	Total: Cost
3	7	Prospect Creek	0.2		420,000				0.2		420,000
3	50	[illegible]	15.0		645,000				15.0		645,000
				15.0	186,000					15.0	186,000
3	51	[illegible] Creek	3.0		75,000	27.0		675,000	30.0		750,000
3	56	Thompson River	18.5		740,000				18.5		740,000
				27.0*	432,000					27.0	432,000
Total		Class 3 Routes	36.7		1,881,000	27.0		675,000	63.7		2,556,000
				42.0	618,000					42.0	618,000
Totals		Class 1 Routes	18.5		1,740,000	421.1		38,630,000	439.6		40,370,000
				98.5	3,232,000		192.4	16,490,000		290.9	19,722,000
Totals		Class 2 Routes	13.4		361,000	9.6		86,000	23.0		447,000
				65.7	1,119,000		6.0	60,000		71.7	1,179,000
Totals		Class 3 Routes	36.7		1,881,000	27.0		675,000	63.7		2,556,000
				42.0	618,000		-			42.0	618,000
Totals		All Routes	68.6		3,982,000	457.7		39,391,000	526.3		43,373,000
				206.2	4,969,000		198.4	16,550,000		404.6	21,519,000

[illegible] FOREST HIGHWAY PROGRAM

TABLE 3 DISTRIBUTION OF COSTS SHEET 1 OF 4 SHEETS

Type of Traffic	Critical Conditions	Route Classes 1	2	3	Total All Classes
	S		350	740	1,090
	O	3,510			3,510
Timber	P				
	RC	2,315	1,049	432	3,796
Total		5,825	1,399	1,172	8,396
	S	423			423
Major	G	34,272	97		34,369
Traffic	P	510	60		570
	RC	14,592	70		14,662
Total		49,797	227		50,024
	S			480	480
	G				
Mining	P				
	RC				
Total				480	480
	S				
Recrea-tion	G	2,225			2,225
	P				
	RC	1,105			1,105
Total		3,330			3,330
	S	640		1,336	1,976
Forest	G				
Service	P				
	RC	500		186	686
Total		1,140		1,522	2,662
	S	1,063	350	2,556	3,969
Grand	G	40,007	97		40,104
Total	P	510	60		570
	RC	18,512	1,119	618	20,249
GRAND TOTALS		60,092	1,626	3,174	64,892

Traffic Type	Critical Conditions	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Totals
		Thousand Dollars in Calendar Years										
Timber	S											
	O			900	600	600	600	600	210			3,510
	P											
	SC	825		30	330	330	330	330	130			2,315
Major Traffic	S	423										423
	O	1,070	2,845	5,290	950	2,360	3,995	4,115	5,240	5,780	2,627	34,272
	P	510										510
	SC	1,517	1,010	250	2,530	20	1,110	980	2,280	1,935	2,960	14,592
Mining	S											
	O											
	P											
	SC											
Recreation	S											
	O		1,335	640	750	200						2,925
	P											
	SC			270	750	85						1,105
Forest Service	S				540	100						640
	O											
	P											
	SC						500					500
Grand Total	S	423			540	100						1,063
	O	1,070	4,180	6,830	2,300	3,160	4,595	4,715	5,450	5,780	2,627	40,707
	P	510										510
	SC	2,342	1,010	550	3,610	435	1,940	1,310	2,410	1,935	2,960	18,512
Gr. Total	Class I	4,345	5,190	7,380	6,450	3,695	6,535	6,025	7,860	7,715	5,587	60,792

[illegible]	[illegible]	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Totals
Timber	[illegible]	286			64							350
	[illegible]											
	[illegible]											
	NC	214	250	200	185	200						1,049
Major Traffic	[illegible]											
	[illegible]		97									97
	[illegible]	60										60
	NC		70									70
Mining	[illegible]											
	[illegible]											
	[illegible]											
	NC											
Recreation	[illegible]											
	[illegible]											
	[illegible]											
	NC											
Forest Service	[illegible]											
	[illegible]											
	[illegible]											
	NC											
Grand Total	[illegible]	286			64							350
	[illegible]		97									97
	[illegible]	60										60
	NC	214	320	200	185	200						1,119
Gr.Total	Class I	560	417	200	249	200						1,626

Type	Condition	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Totals
Timber	S									440	300	740
	O											
	P											
	SC										432	432
Major Traffic	S											
	O											
	P											
	SC											
Mining	S					420						420
	O											
	P											
	SC											
Recrea-tion	S											
	O											
	P											
	SC											
Forest Service	S							275	475	396	250	1,396
	O											
	P											
	SC										186	186
Grand Total	S					420		275	475	836	550	2,556
	O											
	P											
	SC										618	618
Gr.Total	Class 3					420		275	475	836	1,168	3,174

Table 4

Mileage to Accompany Distribution of Costs

Sheet 1 of 4 Sheets

Type of Traffic	Critical Conditions	Route Classes			Total All Classes
		1	2	3	
Timber	S		19.3	20.5	39.8
	O	38.9			38.9
	P				
	Se	71.1	62.0	37.0	170.1
Total		110.0	81.3	57.5	248.8
Major Traffic	S	46.9			46.9
	O	356.5	3.7		360.2
	P	21.2	6.0		27.2
	Se	359.9	3.7		363.6
Total		784.5	13.4		797.9
Mining	S			8.2	8.2
	O				
	P				
	Se				
Total				8.2	8.2
Recreation	S				
	O	33.0			33.0
	P				
	Se	33.0			33.0
Total		66.0			66.0
Forest Service	S	16.0		25.0	41.0
	O				
	P				
	Se	16.0		15.0	31.0
Total		32.0		40.0	72.0
Grand Total	S	62.9	19.3	53.7	135.9
	O	428.4	3.7		432.1
	P	21.2	6.0		27.2
	Se	480.0	65.7	52.0	597.7
Grand Total		992.5	94.7	105.7	1,192.9

Traffic Type	Critical Condition	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Totals
		Mileage in Calendar Years										
Timber	S											
	O			1.0	10.4	10.6	10.3	10.4	4.2			46.9
	P											
	Sc	24.2		1.0	10.4	10.6	10.3	10.4	4.2			71.1
Major Traffic	S	6.9										6.9
	O	11.4	35.5	61.4	8.5	17.8	46.2	49.1	41.1	59.0	73.5	354.5
	P	21.2										21.2
	Sc	39.8	25.1	6.7	51.7	0.4	28.5	27.4	63.7	51.5	65.1	359.9
Mining	S											
	O											
	P											
	Sc											
Recreation	S											
	O		17.6	8.7	4.2	2.5						33.0
	P											
	Sc			8.7	21.8	2.5						33.0
Forest Service	S				6.9	10.0						16.9
	O											
	P											
	Sc						16.0					16.0
Grand Total	S	6.9			6.9	10.0						23.8
	O	11.4	53.1	71.1	23.1	30.9	56.5	59.5	45.3	59.0	73.5	436.1
	P	21.2										21.2
	Sc	64.0	25.1	16.4	83.9	13.5	54.8	37.8	67.9	51.5	65.1	480.0
Grand Total	Class 1	106.5	78.2	87.5	113.9	54.4	111.3	97.3	113.2	110.5	138.6	963.3

Type	Conditions	Mileage in Calendar Years										
		1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Total
Timber	E	13.2			6.1							
	G											
	F											19.3
	Po	18.1	12.6	10.6	9.6	11.1						
												62.0
Major Traffic	E											
	G		3.7									
	F	6.0										3.7
	Po		3.7									6.0
												3.7
Mining	E											
	G											
	F											
	Po											
Recreation	E											
	G											
	F											
	Po											
Forest Service	E											
	G											
	F											
	Po											
Grand Total	E	13.2			6.1							19.3
	G		3.7									3.7
	F	6.0										6.0
	Po	18.1	16.3	10.6	9.6	11.1						65.7
Grand Total	Class [illegible]	37.3	20.0	10.6	15.7	11.1						
												94.7

Type	Conditions	Mileage in Calendar Years										Total
		1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	
Timber	[illegible]									8.5	10.0	18.5
	[illegible]											
	[illegible]											
	[illegible]										27.0	27.0
Major Traffic	[illegible]											
	[illegible]											
	[illegible]											
	[illegible]											
Mining	[illegible]					0.7						0.7
	[illegible]											
	[illegible]											
	[illegible]											
Recreation	[illegible]											
	[illegible]											
	[illegible]											
	[illegible]											
Forest Service	[illegible]							5.0	10.0	15.0	[illegible]	[illegible]
	[illegible]											
	[illegible]											
	[illegible]										15.0	15.0
Grand Total	[illegible]					0.7		5.0	10.0	23.5	[illegible]	[illegible]
	[illegible]											
	[illegible]											
	[illegible]										42.0	42.0
Grand Total	Class 3					0.7		5.0	10.0	23.5	[illegible]	[illegible]

FOREST HIGHWAYS
TEN-YEAR CRITICAL NEEDS
SUMMARY TABLE SHOWING MILEAGE BY SYSTEMS AND
CRITICAL CONDITIONS BY ACCORDANT CLASSIFICATION OF [illegible]

Systems		Critical Conditions			Total	%
		No Existing Road	Obsolete: Sub-Standard	Preservation of Road		
Interstate		73.2			73.2	12.8
State	Primary	363.2	22.9	21.2	407.3	71.1
	Secondary	3.7	19.3	6.0	29.0	5.0
County & Local			63.7		63.7	11.1
Total		440.1	105.9	27.2	573.2	100
Per cent		76.7	18.5	4.8	100	
Forest Highway						
Class 1		436.4	22.9	21.2	480.5	83.9
Class 2		3.7	19.3	6.0	29.0	5.0
Class 3			63.7		63.7	11.1
Total		440.1	105.9	27.2	573.2	100
Per cent		76.7	18.5	4.8	100	

FOREST HIGHWAY'S
TEN-YEAR CRITICAL NEEDS
SUMMARY TABLE SHOWING DISTRIBUTION OF COST
BY SYSTEMS AND CRITICAL CONDITIONS

Systems	Critical Conditions					
	No Existing Road	Obsolete	Sub-Standard	Preservation of Road	Total	%
Interstate		12,820,000			12,820,000	19.8
State (Primary		45,699,000	1,063,000	510,000	47,272,000	72.8
(Secondary		97,000	1,469,000	60,000	1,626,000	2.5
County and Local			3,174,000		3,174,000	4.9
Total		58,616,000	5,706,000	570,000	64,892,000	100
Per cent		90.3	8.8	0.9	100	
Forest Highway						
Class 1		58,519,000	1,063,000	510,000	60,092,000	92.6
Class 2		97,000	1,469,000	60,000	1,626,000	2.5
Class 3			3,174,000		3,174,000	4.9
Totals		58,616,000	5,706,000	570,000	64,892,000	100
Per cent		90.3	8.8	0.9	100	